



## CITY OF DURHAM | NORTH CAROLINA

**Date:** January 6, 2015

**To:** Thomas J. Bonfield, City Manager  
**Through:** Keith Chadwell, Deputy City Manager  
**From:** Mark D. Ahrendsen, Transportation Director  
H. Wesley Parham, Assistant Transportation Director

**Subject:** Barbee Road, Herndon Road, Massey Chapel Road Roundabout Sidewalk Agreement

### **Executive Summary**

The N. C. Department of Transportation (NCDOT) is scheduled to construct a roundabout at the intersection of Barbee Road, Herndon Road, and Massey Chapel Road in south Durham. Project bidding begins in February 2015. The municipal boundary crosses directly through this intersection. As part of the project, the City requested the inclusion of sidewalks along roads within the municipal boundary. NCDOT has proposed installing these new sidewalks at no cost to the City of Durham. Per NCDOT policy, existing sidewalks will be replaced at no cost to the City as well. A sidewalk agreement is needed to describe the responsibilities for the sidewalks within the municipal limits. A map of the overall project is provided in Attachment A.

### **Recommendation**

The Department of Transportation recommends that the City Council authorize the City Manager to execute the Barbee Road, Herndon Road, Massey Chapel Road Roundabout Sidewalk Agreement with the N. C. Department of Transportation for the construction of new sidewalk within the City limits. The agreement is provided as Attachment B.

### **Background**

The City of Durham and NCDOT mutually identified the need for the construction of a roundabout at Barbee Road, Herndon Road, and Massey Chapel Road several years ago as development increased in this portion of southern Durham County. Increasing traffic and the skew of the intersection have led to resident complaints about congestion and safety. A roundabout was identified as the recommended improvement for the intersection. NCDOT held a Citizen's Informational Workshop on April 8, 2013 on this project.

NCDOT will construct the project with Small Construction funds and has not requested any local match commitment.

### **Issues and Analysis**

The City of Durham requested that sidewalks be included in the project along roads that are within the municipal boundary. The municipal boundary coincides with the eastern right-of-way line for Herndon Road north of the intersection and then crosses diagonally through the intersection to the western right-of-way line for Herndon Road south of the intersection. As a result, new sidewalk will be constructed on the southern side of the eastern leg of Barbee Road and both sides of the southern leg of Herndon Road. There is an existing sidewalk on the eastern side of Herndon Road north of the intersection that continues along the northern side of Barbee Road east of the intersection. Approximately 600 feet of this sidewalk along Herndon Road is not within the municipal boundary. Per NCDOT policy, since it is an existing sidewalk, it will be replaced. However, this sidewalk is not included in the City's sidewalk agreement as it is not within the City of Durham. No sidewalk will be installed on the western side of Herndon north of the intersection or on either side of Massey Chapel Road west of the intersection as no sidewalk currently exists in these locations and these are all outside of the City of Durham. Upon project completion, the City will assume the ongoing sidewalk maintenance and liability for the sidewalk within the City of Durham.

The project will also require the relocation and adjustment of City utilities located within NCDOT right-of-way. A separate Utility Agreement was approved by Council in July 2014.

### **Alternatives**

- Authorize the City Manager to execute the Sidewalk Agreement for the Barbee Road, Herndon Road, Massey Chapel Road Roundabout.
- Do not authorize the execution of the Sidewalk Agreement for Barbee Road, Herndon Road, Massey Chapel Road Roundabout. The proposed new sidewalks will be removed from the project design and construction. Any existing sidewalk removed or adjusted with project construction will be replaced at no cost to the City.

### **Financial Impact**

There is no cost to the City for the construction of this project. Upon project completion, the City will assume the ongoing sidewalk maintenance and liability for the sidewalk within the City of Durham.

### **SDBE Summary**

NCDOT agreements require that their contracting procedures be followed for these projects. The Department of Equal Opportunity/Equity Assurance did not review this item for compliance with the Ordinance to Promote Equal Business Opportunities in City Contracting.

### **Attachments**

A – Project Map

B – Sidewalk Agreement